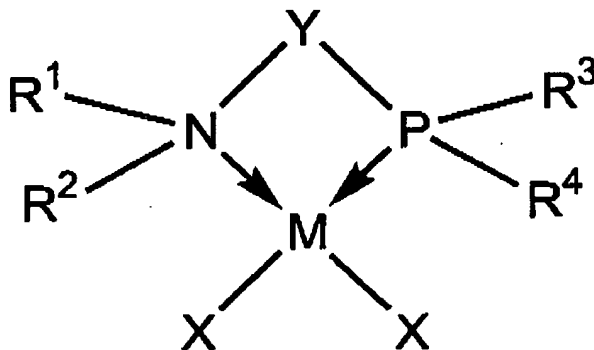


In the Abstract

Please amend the abstract as follows:

ABSTRACT OF THE DISCLOSURE

This invention relates to a A-series of novel late transition metal catalysts for olefin oligomerization, the catalysts demonstrating high activity and selectivity for linear α -olefins. The catalysts contain a Group-8, -9, or -10 transition metal, M, excluding palladium; an ancillary ligand comprising: a terminal amine comprising two independently selected hydrocarbyl radicals, R^1 and R^2 ; a terminal phosphine comprising two independently selected hydrocarbyl radicals, R^3 and R^4 ; and a hydrocarbyl bridge, Y, comprising a backbone wherein the hydrocarbyl bridge connects between the terminal amine and the terminal phosphine and wherein the backbone comprises a chain that is four or more carbon atoms long; and an abstractable ligand, X. For example this invention relates to a composition of matter with the following formula:



wherein M, R^1 , R^2 , R^3 , and R^4 , Y, and X are as defined above.